

## **FIBER OPTIC SPLICE COMPONENT**

### **ABSTRACT OF THE DISCLOSURE**

[032] A fiber optic splice component is provided with a ferrule having an opening therein, a housing to hold the ferrule, and at least one electrode in the housing for fusing optical fibers inserted into the opening. A method and machine to fuse optical fibers in a fiber optic splice component is also provided, with the method and machine being capable of melting a protection element around the fused optical fibers. A splicing ferrule with a lead-in portion at each end of the ferrule is also provided.